

ABSTRACT

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5 A "pick-and-place" apparatus has a first pivoted lever driven in alternating directions of pivoting, the drive shaft of which is mounted centrally between a first location and a second location. In the end positions, which delimit the pivoting range, the pivoted lever always faces towards one location or the other location. A second pivoted lever is mounted at the end of the first lever and driven in the opposite direction thereto and with a predetermined gear ratio thereto, for example, resulting from a fixed toothed wheel by means of a toothed belt and a further toothed wheel. The chip gripper is connected to the end of the second lever. The gear ratio and the lengths of the two levers are matched to each other such that in both end positions, the two levers are in an extended position with respect to one another and the chip gripper is over the one location or the other location. The pivot planes of the levers can be perpendicular or parallel to the planes of the chip carrier and/or of the substrate upon which the chips are mounted.

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